

Name: Vignesh S

Regno: 192325002

Experiment: 23. Implement the Top hat technique as a Morphological operation to dilate the foreground regions based on Open CV.

Code:

```
import cv2  
  
import numpy as np  
  
i = cv2.imread("image.jpg", 0)  
  
k = np.ones((5, 5), np.uint8)  
  
t = cv2.morphologyEx(i, cv2.MORPH_TOPHAT, k)  
  
cv2.imshow("Original Image", i)  
  
cv2.imshow("Top Hat Operation", t)  
  
cv2.waitKey(0)  
  
cv2.destroyAllWindows()
```

Input and Output:

